

From: Gnance@TechLawInc.com
Sent: 1/24/2012 5:02:44 PM
To: "Fred Foreman" <Foreman.Fred@epamail.epa.gov>; "Richard Rupert" <Rupert.Richard@epamail.epa.gov>
CC: "Burris, Brian" <Bburris@TechLawInc.com>; "Carter, Joe" <Jcarter@TechLawInc.com>; "Kevin Martin" <Martin.Kevin@epamail.epa.gov>; "Graves, Suddha" <Sgraves@TechLawInc.com>; "Stevie Wilding" <Wilding.Stevie@epamail.epa.gov>
Subject: RE: Analytical Services for Glycols Analysis

Unless we expect to find high levels in some of the wells, there may be little value in having them do the analysis. TA's MDLs are exponentially higher the OASQA's QLs. I have not seen the data to know if they had any previous detections for these compounds.

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From: Fred Foreman [mailto:Foreman.Fred@epamail.epa.gov]
Sent: Tuesday, January 24, 2012 4:58 PM
To: Richard Rupert
Cc: Burris, Brian; Carter, Joe; Nance, Gene; Kevin Martin; Graves, Suddha; Stevie Wilding
Subject: Re: Analytical Services for Glycols Analysis

Unfortunately, our search came up with the same limited number of resources. Test America did the initial work for Cabot.

Fred Foreman, Chief
Technical Services Branch
Office of Analytical Services & Quality Assurance
US EPA Region III
Ft. Meade, Maryland
410-305-2629

From: "Nance, Gene" <Gnance@TechLawInc.com>
To: Richard Rupert/R3/USEPA/US, Fred Foreman/ESC/R3/USEPA/US@EPA
Cc: Stevie Wilding/ESC/R3/USEPA/US, Kevin Martin/ESC/R3/USEPA/US@EPA, "Graves, Suddha" <Sgraves@TechLawInc.com>, "Carter, Joe" <Jcarter@TechLawInc.com>, "Burris, Brian" <Bburris@TechLawInc.com>
Date: 01/24/2012 04:23 PM
Subject: Analytical Services for Glycols Analysis

Rich, Fred:

I contacted the labs listed below regarding the glycols analysis. The only lab that can do more than 1 or 2 is TestAmerica Houston, which can do all but one. However, they use Method 8015 and their method detection limits (MDLs) are much higher the OASQA's QLs (and RLs would be 5-10 times higher than MDLs). MDLs are as follows:

2-methoxy ethanol - 5 mg/L
2-butoxy ethanol - 1.67 mg/l
di-ethylene glycol - 2.99 mg/L
tri-ethylene glycol - 3.35 mg/L
tetra-ethylene glycol - Do not do

These results would not be comparable with OASQA results unless the samples have very high concentrations. Let me know if you want me to request a bid quote from them, and if so, how many samples to set up. If we procure these services, it might be advisable to only do this for a limited number of samples that are expected to have high concentrations based on previous sampling.

Below is a list of commercial labs contacted.

Labs Contacted:	Results			
Pace Analytical	none of Pace Labs do glycols			
APPL	Do not do			
Trimatrix	Do not do			
Columbia Analytical Services (CAS)	none of CAS Labs do list, they only do 2-butoxy ethanol by 8270			
TestAmerica Denver	no response			
TestAmerica Houston	They can analyze for all except tetra-ethylene glycol.			
6310 Rothway Street, Houston, TX 77040 Tel: 713-690-4444				

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